



BARTON-UPON-IRWELL  
RURAL DISTRICT COUNCIL

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(23)

# Annual Report

For 1932.

BY

**D. W. Davidson, M.B., Ch.B. (Glasgow),**  
(Medical Officer of Health),

and

**Robert G. Child, (Mem. San. Inspec. Assoc.),**  
(Sanitary Inspector).

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Issued by the Urmston Urban District Council

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URMSTON:

"TELEGRAPH" PRINTING CO. LTD., RAILWAY ROAD.



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# Medical Officer of Health's Annual Report.

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COUNCIL OFFICES,  
CROFTS BANK ROAD,  
URMSTON,

JUNE, 1933.

*To the late Barton-upon-Irwell Rural District Council.*

GENTLEMEN,

I have the honour to submit to you my twenty-first annual report on the health and sanitary conditions of your district for the year 1932.

## AREA AND POPULATION.

| TOWNSHIP              | Area in<br>Acres | Population<br>(Census)<br>1921 | Population<br>(Census)<br>1931 |
|-----------------------|------------------|--------------------------------|--------------------------------|
| Barton Moss ... ..    | 1,469            | 220                            | 167                            |
| Clifton... ..         | 1,195            | 2,717                          | 2,928                          |
| Davyhulme ... ..      | 2,659            | 1,762                          | 4,094                          |
| Flixton ... ..        | 1,439            | 5,411                          | 8,523                          |
| Whole District ... .. | 6,762            | 10,110                         | 15,712                         |

## BIRTHS.

The number of births registered during the year was 266, an increase on the previous year of 48 ; this gives a birth-rate of 15.7 per 1,000 population, as against 13.9 in 1931.

The female births are in excess of the male births by 14 during the past year. Nine of the births were illegitimate.

## DEATHS.

The total number of deaths belonging to the district was 180. This gives a death-rate of 10.6, against 11.9 in 1931. Tuberculosis accounted for 12 deaths, Bronchitis 10, Pneumonia 15, Cancer 24, Heart Disease 29, Cerebral Hæmorrhage 11, and the rest from various causes.

## INFANTILE MORTALITY.

Fifteen deaths occurred in children under one year of age, which gives a death rate of 56 per 1,000 births, as compared with a rate of 82 in 1931, 73 in 1930, 37 in 1929, and 76 in 1928.

## INFECTIOUS DISEASES (other than Tuberculosis).

The number of cases notified reached 93, as follows :—

Scarlet Fever 44, Diphtheria 15, Acute Primary Pneumonia 19, Acute Influenzal Pneumonia 5, Enteric Fever 1, Puerperal Pyrexia 2, Ophthalmia Neonatorum 2, Erysipelas 5.

The following is a list for the previous five years—102 in 1931, 93 in 1930, 88 in 1929, 115 in 1928, and 117 in 1927.

Of the above 93 cases, 14 occurred in Clifton, 32 in Davyhulme, and 77 in Flixton.

## SCARLET FEVER.

The number of Scarlet Fever notifications received was 44, against 38 in 1931, 60 in 1930, 32 in 1929, 46 in 1928, and 53 in 1927. Thirteen of these cases occurred in Davyhulme, 3 in Clifton, and 28 in Flixton.

## DIPHThERIA.

Fifteen cases of this disease were notified, against 31 in 1931, 22 in 1930, 4 in 1929, 12 in 1928, and 15 in 1927.

Twelve of these cases occurred in Davyhulme and 3 in Flixton.

CEREBRO-SPINAL FEVER, ACUTE POLIOMYELITIS  
ENCEPHALITIS LETHARGICA  
AND OPHTHALMIA NEONATORUM.

Two cases of Ophthalmia Neonatorum were notified during the year, one of which occurred in Clifton and the other in Davyhulme. Of the other diseases no notifications were received.

## CASES REMOVED TO HOSPITAL.

Fifty-four cases were removed to hospital during the year. Of these 24 were Scarlet Fever, 14 Diphtheria, 8 Acute Primary Pneumonia, 4 Acute Influenzal Pneumonia, 1 Enteric Fever, 2 Puerperal Pyrexia, 1 Erysipelas, and 2 Ophthalmia Neonatorum.

METHOD OF DEALING WITH INFECTIOUS  
DISEASES.

Each acute case notified is visited at once by the Sanitary Inspector and isolation is enjoined either at home or by removal to Ladywell Sanatorium, Salford. Where cases are isolated at home, all children from the infected house are prevented from attending school until such time as a certificate of freedom of the house from infection is issued to the school master.

A precautionary notice and a list of suggestions for preventing the spread of infectious diseases is delivered at the home when the case is visited.

If there is suspicion that an unrecognised case is attending a school, the school is visited and full enquiries made.

Disinfectants, free of cost, are provided in each township, and a careful inspection of the premises is always carried out, and defects are duly dealt with.

On termination of the case by removal to hospital, recovery or death, the room and its contents are thoroughly fumigated with formaldehyde gas, under the direction of the Sanitary Inspector. Bedding and such articles as required are submitted to Lyon's superheated steam disinfection at the Salford Corporation's Disinfection Station, Mode Wheel Road, Salford, or destroyed and compensation allowed.

#### DIPHTHERIA ANTI-TOXIN ORDER 1910.

Arrangements exist with the local chemist for the supply of anti-toxin in the various parts of the district, free of cost,

#### PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.

Twenty-five new cases under the above regulations have been notified during the year as follows:—

|                            |     |     |     |     |    |
|----------------------------|-----|-----|-----|-----|----|
| Pulmonary Tuberculosis     | ... | ... | ... | ... | 13 |
| Non-Pulmonary Tuberculosis | ... | ... | ... | ... | 12 |

As each new case is notified, full particulars are sent to the County Medical Officer of Health as required. Disinfectants and sputum handkerchiefs are supplied free when required.

#### BACTERIOLOGICAL EXAMINATIONS.

The bacteriological examinations made by the Public Health Laboratory, York Place, Manchester, during the past year were as follows:—Throat Swabs, 47; Milk for Bacterial Count, *Bacillus Coli*, etc., 9; Sweets for Arsenic, 1; Water, bacteriological 1, chemical 1; making a total of 59 examinations.

#### MEDICAL INSPECTION OF SCHOOL CHILDREN.

This work is undertaken by the Lancashire County Council Public Health Department.

## FOOD AND DRUGS' ACTS, &c.

The sampling and analysis of foods, etc., is carried out in your district by the Lancashire County Constabulary.

## MILK SUPPLY.

The dairies and cowsheds have been visited by your Sanitary Inspector as often as possible. These premises are kept in fairly good condition as regards cleansing and limewashing.

In connection with the examination of dairy cows in the area, the arrangement for a periodical inspection of dairy cows by a Veterinary Surgeon under the Milk and Dairies Order 1926, is now under the control of the Lancashire County Council Public Health Department.

## WATER SUPPLY.

The whole of the district is supplied by town's water ; Clifton being supplied by Bolton Corporation, and the remaining portion of the district by Manchester Corporation.

The water supply is good, both in quality and quantity.

## SEWAGE AND DRAINAGE.

The more densely populated parts of the township of Davyhulme are provided with sewers, and I am pleased to report that the No. 2 Scheme for the sewerage of the Trafford Park area is now in hand, and eventually it will be possible to dispense with a number of filthy privies and pail closets in this area.

The sewage from the township of Flixton is treated at the works provided jointly with the Urmston Urban District Council, and nearly the whole of this area is provided with a system of sewers.

The Clifton sewage is treated at the Clough sewage works and the Unity Brook sewage works. A good portion of this district, however, is still unprovided with sewers.

In Barton Moss, where there are only a few scattered farmsteads and cottages, there is no sewerage system provided.

### EXCREMENT DISPOSAL.

In this Rural District there are approximately 210 privy closets, 134 middens, 4,260 water closets, 212 pail closets, and 4 waste water closets.

Practically the whole of the sewered portion of Davyhulme district is now converted to the water carriage system, and very few privy middens remain in Flixton. A large number of privy middens, however, are still in existence in Clifton; these, however, are being reduced gradually.

### REMOVAL OF HOUSE REFUSE.

The removal of house refuse in the whole of your district is carried out in a satisfactory manner under the direction of the Sanitary Inspector. This work is carried out partly by contract for team labour and partly by staff in Clifton, and by the Council's entire staff in Flixton and Davyhulme.

In Barton Moss, where the occupiers are mostly farmers, the work is undertaken by themselves.

The refuse is disposed of at refuse tips and farms.

### OFFENSIVE TRADES.

One trade which was commenced during 1931, in Trafford Park, under Section 112 of the Public Health Act 1875, has been discontinued. No complaints have been received in connection with any of these premises during the year.

## SLAUGHTER HOUSES.

The slaughter houses have been duly inspected and found satisfactory. Although only three in number, they are so scattered that it is impossible to carry out a thorough inspection of the meat of carcasses before the organs are removed. They are visited, however, as often as possible at the times of slaughtering by your Sanitary Inspector.

## MATERNITY AND CHILD WELFARE.

This work is now entirely under the control of the Lancashire County Council Public Health Department.

## FACTORY AND WORKSHOPS ACT 1901.

The sanitary condition of the workshops and workplaces has not called for any special action.

Section 22 of the Public Health Acts Amendment Act 1890, is in force in the district, the standard for females being 1 to 20 employed ; and for males, 1 to 30 employed.

No cases of overcrowding have been discovered, many of the places on the register being of recent construction and satisfactory in condition.

D. W. DAVIDSON, M.B., Ch.B. (Glasgow),

MEDICAL OFFICER OF HEALTH.



## Statistics of the Area.

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Area in acres, 6,762.

Population, Census 1931, 15,712.

No. of inhabited houses, Census 1931, 4,210.

No. of families or separate occupiers, Census 1931, 4,252.

Estimated resident population (Middle 1932), 16,880.

,, ,, ,, (End of 1932) according to rate books, 4,967.

Rateable Value, £185,931.

Sum represented by a penny rate, £773.

|                              |     |                  | Total | M.  | F.  |                                                                    |
|------------------------------|-----|------------------|-------|-----|-----|--------------------------------------------------------------------|
| Live Births                  | {   | Legitimate ...   | 257   | 121 | 136 | } Birth Rate per 1,000 of the estimated resident population, 15.7. |
|                              |     | Illegitimate ... | 19    | 5   | 4   |                                                                    |
|                              | {   | Total ...        | 276   | 126 | 140 |                                                                    |
| Still Births                 | ... | ...              | 15    | 10  | 5   | Rate per 1,000 total live and stillbirths, 53.                     |
| Deaths                       | ... | ...              | 180   | 79  | 101 | Death rate per 1,000 of the estimated resident population, 10.6.   |
| Deaths from Puerperal causes |     |                  | —     |     | 1   | Death rate per 1,000 total live and stillbirths, 3.55.             |

Death rate of Infants under one year of age :—

|                                                     |     |     |     |     |     |     |     |
|-----------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| All infants per 1,000 live births                   | ... | ... | ... | ... | ... | ... | 56  |
| Legitimate infants per 1,000 legitimate live births | ... | ... | ... | ... | ... | ... | 46  |
| Illegitimate ,, ,, 1,000 illegitimate ,, ,,         | ... | ... | ... | ... | ... | ... | 333 |
| Deaths from Measles (all ages)                      | ... | ... | ... | ... | ... | ... | 1   |
| Deaths from Whooping Cough (all ages)               | ... | ... | ... | ... | ... | ... | 1   |
| Deaths from Diarrhoea (under 2 years of age)        | ... | ... | ... | ... | ... | ... | 1   |

|                                                                 | Per 1,000 of Estimated Population |            |                                                    |                        | Maternal Mortality Rate |                                         | Rate of Deaths under 1 year per 1,000 Live Births |
|-----------------------------------------------------------------|-----------------------------------|------------|----------------------------------------------------|------------------------|-------------------------|-----------------------------------------|---------------------------------------------------|
|                                                                 | Live Birth rate                   | Death rate | Death rate from Tuberculosis of Respiratory System | Death rate from Cancer | Per 1,000 Live Births   | Per 1,000 Total (Live and Still) Births |                                                   |
| Mean of 5 years—<br>1927-31 ... ..                              | 15.9                              | 10.8       | 0.57                                               | 1.32                   | 4.70                    | —                                       | 63                                                |
| Year 1931... ..                                                 | 13.9                              | 11.9       | 0.76                                               | 1.98                   | 9.17                    | 8.62                                    | 82                                                |
| Year 1932... ..                                                 | 15.7                              | 10.6       | 0.53                                               | 1.42                   | 3.75                    | 3.55                                    | 56                                                |
| Increase or Decrease<br>in 1932 on 5 years'<br>average 1927-31. | —0.2                              | —0.2       | —0.04                                              | 0.10                   | —0.95                   | —                                       | —7                                                |
| Previous year ... ..                                            | 1.8                               | —1.3       | —0.23                                              | —0.56                  | —5.42                   | —5.07                                   | —26                                               |

Sanitary Accommodation at 31st December, 1932 :—

Privy Middens—Number of middens, 134 ; Number of closets attached to these middens, 210.

No. of Pail Closets, 212.

No. of Dry Ashpits (excluding middens), 22.

No. of Fresh Water Closets, 4,260.

No. of movable Ashbins for refuse, 4,228.

No. of Waste Water Closets, 4.

| CONVERSIONS :—                                                                            |                          | During Year 1932 |    | During Five Years 1927-1931 |     |
|-------------------------------------------------------------------------------------------|--------------------------|------------------|----|-----------------------------|-----|
| No. of Privy Closets                                                                      | { To Fresh W.C's. ... .. | ...              | 4  | ...                         | 162 |
|                                                                                           | { To Waste W.C's. ... .. | ...              | —  | ...                         | —   |
|                                                                                           | { To Pails, &c. ... ..   | ...              | 8  | ...                         | 5   |
| No. of Pail Closets                                                                       | { To Fresh W.C's. ... .. | ...              | —  | ...                         | —   |
|                                                                                           | { To Waste W.C's. ... .. | ...              | —  | ...                         | —   |
| No. of Waste W.C's. to Fresh W.C's. ... ..                                                |                          | ...              | —  | ...                         | 11  |
| No. of Houses at which Movable Ashbins have been substituted for fixed receptacles ... .. |                          | ...              | 14 | ...                         | 171 |

Sanitary Inspections during 1932 :—

No. of Premises visited, 1,018.

Defects or Nuisances—No. discovered, 165 ; No. abated, 158.

No. of Notices served—Informal, 115 ; Statutory, 5.

Legal Proceedings, None.  
No. of Smoke Observations, 33.

### HOUSING.

No. of New Houses erected during the year :—

|                                                            |     |
|------------------------------------------------------------|-----|
| (a) Total (including numbers given separately under (b)... | 486 |
| (i) By the Local Authority ...                             | 6   |
| (ii) By other Local Authorities ...                        | Nil |
| (iii) By other bodies and persons ...                      | 480 |
| (b) With State assistance under the Housing Acts :—        |     |
| (i) By the Local Authority ...                             | 6   |
| (ii) By other bodies or persons ...                        | Nil |

1.—Inspection of Dwelling-houses during the Year :—

|                                                                                                                                                                  |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| (1) (a) Total No. of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...                                                     | 15 |
| (b) No. of inspections made for the purpose ...                                                                                                                  | 26 |
| (2) (a) No. of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ...        | 15 |
| (b) No. of inspections made for the purpose ...                                                                                                                  | 26 |
| (3) No. of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...                                     | 2  |
| (4) No. of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... | 13 |

2.—Remedy of defects during the year without service of Statutory Notices :—

|                                                                                                                                 |    |
|---------------------------------------------------------------------------------------------------------------------------------|----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their officers ... | 12 |
|---------------------------------------------------------------------------------------------------------------------------------|----|

3. Action under Statutory Powers during the year :—

A. Proceedings under Section 17, 18 and 23 of the Housing Act, 1930 :—

|                                                                                                    |     |
|----------------------------------------------------------------------------------------------------|-----|
| (1) No. of dwelling-houses in respect of which Statutory Notices were served requiring repairs ... | Nil |
|----------------------------------------------------------------------------------------------------|-----|

B. Proceedings under Public Health Acts :—

|                                                                                                                     |     |
|---------------------------------------------------------------------------------------------------------------------|-----|
| (1) No. of dwelling-houses in respect of which Statutory Notices were served requiring defects to be remedied... .. | Nil |
|---------------------------------------------------------------------------------------------------------------------|-----|

C. Proceedings under Sections 19 and 21 of the Housing Act, 1930 :—

|                                                                                   |     |
|-----------------------------------------------------------------------------------|-----|
| (1) No. of dwelling-houses in respect of which Demolition Orders were made ... .. | Nil |
|-----------------------------------------------------------------------------------|-----|

D. Proceedings under Section 20 of the Housing Act 1930 :—

|                                                                                                        |     |
|--------------------------------------------------------------------------------------------------------|-----|
| (1) No. of separate tenements or underground rooms in respect of which Closing Orders were made ... .. | Nil |
|--------------------------------------------------------------------------------------------------------|-----|

E. Proceedings under Section 3 of the Housing Act 1925 :—

|                                                                                                                                                    |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| (1) No. of dwelling-houses in respect of which Statutory Notices were served requiring repairs ... ..                                              | Nil |
| (2) No. of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close ... .. | 9   |

F. Proceedings under Sections 11, 14 and 15 of the Housing Act 1925 :—

|                                                                                       |     |
|---------------------------------------------------------------------------------------|-----|
| (1) No. of dwelling houses in respect of which Closing Orders became operative ... .. | Nil |
|---------------------------------------------------------------------------------------|-----|



## TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1932.

| AGE PERIODS        | NEW CASES   |    |                 |    | DEATHS      |    |                 |    |
|--------------------|-------------|----|-----------------|----|-------------|----|-----------------|----|
|                    | Respiratory |    | Non-Respiratory |    | Respiratory |    | Non-Respiratory |    |
|                    | M.          | F. | M.              | F. | M.          | F. | M.              | F. |
| Years:—            |             |    |                 |    |             |    |                 |    |
| 0—1 ... ..         | —           | —  | —               | —  | —           | —  | —               | —  |
| 1—5 ... ..         | —           | —  | 1               | 12 | —           | —  | —               | 1  |
| 5—10 ... ..        | —           | —  | —               | 2  | —           | —  | —               | —  |
| 10—15 ... ..       | —           | —  | 2               | —  | —           | —  | —               | —  |
| 15—20 ... ..       | —           | 2  | 2               | —  | —           | 1  | —               | —  |
| 20—25 ... ..       | —           | 2  | —               | —  | —           | —  | —               | —  |
| 25—35 ... ..       | 2           | 2  | —               | 2  | 1           | 1  | —               | 1  |
| 35—45 ... ..       | 1           | —  | 1               | 1  | —           | 1  | —               | —  |
| 45—55 ... ..       | 1           | —  | —               | —  | —           | —  | —               | —  |
| 55—65 ... ..       | 2           | 1  | —               | —  | 2           | 2  | —               | —  |
| 65 and upwards ... | —           | —  | —               | —  | —           | 1  | —               | —  |
| TOTALS ... ..      | 6           | 7  | 6               | 6  | 3           | 6  | —               | 2  |
|                    | 13          |    | 12              |    | 9           |    | 2               |    |

# Birth Rates, Death Rates and Analysis of Mortality in the Year 1932.

England and Wales, 118 County Boroughs and Great Towns, and 126 Smaller Towns.

(Provisional Figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1932, but those for the towns have been calculated on populations estimated to the middle of 1931. The mortality rates for England and Wales refer to the whole population, but for London and the towns to civilians only.)

|                                                                                                        | Rate per 1,000<br>Total Population |                  | Annual Death-rate per 1,000<br>Population |                                      |           |         |                  |                   |            |           | Rate per 1,000<br>Live Births |                                                     | Percentage of Total<br>Deaths      |                                                        |                  |                                       |             |                                   |
|--------------------------------------------------------------------------------------------------------|------------------------------------|------------------|-------------------------------------------|--------------------------------------|-----------|---------|------------------|-------------------|------------|-----------|-------------------------------|-----------------------------------------------------|------------------------------------|--------------------------------------------------------|------------------|---------------------------------------|-------------|-----------------------------------|
|                                                                                                        | Live<br>Births                     | Still-<br>Births | All Causes                                | Typhoid and<br>Para-Typhoid<br>Fever | Small-pox | Measles | Scarlet<br>Fever | Whooping<br>Cough | Diphtheria | Influenza | Violence                      | Diarrhoea<br>and<br>Enteritis<br>(under<br>2 years) | Total<br>Deaths<br>under<br>1 year | Certified by<br>Registered<br>Medical<br>Practitioners | Inquest<br>Cases | Certified by<br>Coroner<br>after P.M. | No Inquest. | Uncertified<br>Causes of<br>Death |
| England and Wales ...                                                                                  | 15.3                               | 0.66             | 12.0                                      | 0.01                                 | 0.00      | 0.08    | 0.01             | 0.07              | 0.06       | 0.32      | 0.53                          | 6.6                                                 | 65                                 | 91.1                                                   | 6.2              | 1.8                                   | 0.9         | 0.9                               |
| 118 County Boroughs and<br>Great Towns, including<br>London ... ..                                     | 15.4                               | 0.70             | 11.8                                      | 0.00                                 | 0.00      | 0.11    | 0.01             | 0.08              | 0.07       | 0.28      | 0.48                          | 8.9                                                 | 69                                 | 91.3                                                   | 5.9              | 2.3                                   | 0.5         | 0.5                               |
| 126 Smaller Towns (Esti-<br>mated Resident Popula-<br>tions 25,000 to 50,000 at<br>Census 1931) ... .. | 15.4                               | 0.69             | 10.8                                      | 0.00                                 | —         | 0.06    | 0.01             | 0.06              | 0.03       | 0.31      | 0.42                          | 4.5                                                 | 58                                 | 91.9                                                   | 5.8              | 1.3                                   | 1.0         | 1.0                               |
| London ... ..                                                                                          | 14.2                               | 0.51             | 12.3                                      | 0.00                                 | 0.00      | 0.19    | 0.02             | 0.08              | 0.07       | 0.27      | 0.53                          | 12.6                                                | 66                                 | 89.4                                                   | 6.2              | 4.4                                   | 0.0         | 0.0                               |

The maternal mortality rates for England and Wales are as follows :

|                            | Puerperal   | Others | Total |
|----------------------------|-------------|--------|-------|
| per 1,000 Live Births ...  | Sepsis 1.61 | 2.63   | 4.24  |
| per 1,000 Total Births ... | 1.54        | 2.52   | 4.06  |

# Sanitary Inspector's Annual Report.

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COUNCIL OFFICES,  
CROFTS BANK ROAD,  
URMSTON,

JUNE, 1933.

*To the Chairman and Members of the late  
Barton-upon-Irwell Rural District Council.*

GENTLEMEN,

I beg to submit my twenty-first annual report for the year 1932.

The total number of visits made for all purposes was 1,018, which includes water tests and inspection of all new drains, dairies and cowsheds and slaughter-houses.

The number of houses certified was 486, of which 480 were built by private enterprise, and 6 by the Council.

The total number of houses in each township at the end of the year is as follows :—Barton Moss, 44 ; Davyhulme, 1,221 ; Flixton, 2,919 ; Clifton, 883 ; making a total of 5,067 ; and building operations by private enterprise is still going on at a rapid rate.

From the foregoing figures of 486 new houses for the year, an increase of 149 on the previous year, it will be noticed your district is still growing rapidly and the duties in all departments is correspondingly increased.

The total estimated population at the 31st December, 1932, was 18,512, which figure is arrived at by taking an average of 3.7 persons per house.

## FLIXTON.

The number of houses at the end of the year was 2,919, and the estimated population 10,160. This is an increase since the census of 1931 of 481 houses and 1,637 population.

PUBLIC LIGHTING.—The number of gas lamps in the district at the end of the year was as follows :—single lights, 255 ; double, 68 ; treble, 11 ; making a total of 334 lamps, an increase of 33 lamps since 1931.

At the commencement of 1928 the public lighting, as regards gas supply and full maintenance, was taken over by contract with the Stretford and District Gas Board, the system of lighting being by automatic controller in each lamp, and the arrangement has so far been fairly satisfactory. The agreement, which terminated at the end of the year, has been renewed for a further period of five years.

Electric public lighting is at present installed, in such portions of the district, where no gas is available for this purpose, and the number of this class of lamp is 79.

During the year the lighting has been again improved by the installation of three-light reflector lanterns at a number of main points in the township, and also by the substitution of two-light burners on certain main roads.

CLEANSING.—Four motor vehicles are in operation for this work, which not only carry out the work in Flixton, but are also used for this purpose in Davyhulme. Nearly all the township of Flixton is on the water carriage system.

The approximate number of dustbins handled in Flixton each week is 2,920, the refuse being disposed of at a tip in Urmston, in accordance with arrangements made with this council some time ago. The question of a more satisfactory method of refuse disposal is under consideration and I have no doubt a more suitable arrangement will be made in the very near future.

Although there is a natural increase in house refuse owing to the additional new houses this increase is more in bulk than weight owing to the more modern firegrate and the introduction of gas and electric fires which reduces the cinder content of the refuse to

a great extent. The number of loads of house refuse removed during the year was 2,049½ and taken on an average of 19.4 cwts. per load, gives a total quantity of refuse of 1,988 tons, or equal to 3.9 cwts. per head of population and 13.6 cwts. per house.

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### DAVYHULME.

The number of houses in the township of Davyhulme at the end of the year was 1,221, and the estimated population, 5,150. This is an increase in population since the census of 1931 of 1,056.

PUBLIC LIGHTING.—The number of gas lamps in the district at the end of the year was 298 double-lights and 35 treble-lights, making a total of 333 lamps, an increase of 23 lamps since 1931.

At the commencement of 1928 the public lighting, as regards gas supply and full maintenance, was let by contract with the Stretford and District Gas Board. The system of lighting is by automatic controller in each lamp and the arrangement, so far, has given satisfaction. The agreement, which terminated at the end of the year, has been renewed for a further period of five years.

Electric public lighting is at present installed in such portions of the district where no gas is available for this purpose, and the number of this class of lamp is 29.

During the year the lighting has been again improved by the installation of three-light reflector lanterns at a number of main points in the township.

CLEANSING.—The whole of this work as regards the collection and disposal of house refuse, is carried out by motor vehicles in a regular and satisfactory manner, the refuse being disposed of at a tip in Urmston. Owing to the continual growth of this district the work in this department is constantly increasing.

The number of loads of house refuse removed during the year was 1,025, and taken on an average of 19.4 cwts. per load, gives a total of  $994\frac{1}{4}$  tons, or equal to 3.8 cwts. per head of population and 16.2 cwts. per house.

Almost the whole of the sewered portion of the district is on the water carriage system.

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#### CLIFTON.

There has been no change from the previous year in the method of refuse collection in this township which is by contract for team labour only, and the manual labour being supplied by the Council.

The work during the past year has been done regularly and without any complaints. It has been necessary during the year to acquire an additional strip of land to the existing tip at Coppice Clough, and which is kept in as good a condition as crude tipping will permit. The face of the tip is covered with soil as occasion permits, and the unsightly appearance is thereby considerably lessened.

The refuse tip occasionally gives trouble, which, owing to the mixed nature of the refuse, gets very hot and the face of the tip occasionally fires. As much attention as possible is given to this to prevent any unnecessary trouble.

The dustbins, which are increasing owing to new property, are emptied each week, and the privy middens and ashpits as often as required.

Eleven privy closets and 8 middens were abolished during the year and 8 pail closets, 5 water closets, and 13 dustbins substituted. There is still much more to be done in this direction and which is receiving attention.

#### SLAUGHTER-HOUSES AND MEAT INSPECTION.

There are three licensed slaughter-houses in your district, two in Flixton and one in Clifton.

One hundred and thirty-one visits were paid to these premises, which are kept in fairly good order and the quality of the meat is of a good standard. All meat shops are kept under observation by your Veterinary Inspector.

### DAIRIES AND COWSHEDS.

The number of names in the register as cowkeepers and purveyors of milk are as follows:—Cowkeepers, 44 ; Milk Purveyors (other than cowkeepers), 34 ; total, 78.

Seventy-one visits were made to these premises, most of which are kept in a fairly satisfactory condition, and it is very satisfactory to note the greater interest which many of the farmers are taking with respect to the production of cleaner milk by more strict attention to cleanliness of the milk vessels generally, and also the cows.

Two dairymen in the district hold licences for "Grade A" milk.

### INFECTIOUS DISEASES.

The number of cases of infectious diseases notified other than Tuberculosis and Pneumonia is shewn in the following table, also a comparison with previous years:—

| NAME OF DISEASE            | 1927 | 1928 | 1929 | 1930 | 1931 | Average<br>for 5 years | 1932 |
|----------------------------|------|------|------|------|------|------------------------|------|
| Smallpox ... ..            | —    | —    | —    | 1    | —    | .2                     | —    |
| Scarlet Fever ... ..       | 53   | 46   | 32   | 60   | 38   | 45.8                   | 44   |
| Diphtheria ... ..          | 15   | 12   | 4    | 22   | 31   | 16.8                   | 15   |
| Enteric Fever... ..        | 1    | —    | —    | 1    | —    | .4                     | 1    |
| Puerperal Fever ... ..     | 2    | —    | —    | —    | 1    | .6                     | —    |
| Puerperal Pyrexia... ..    | —    | 2    | 1    | 1    | 1    | 1.0                    | 2    |
| Acute Poliomyelitis ... .. | —    | —    | 1    | —    | —    | .2                     | —    |
| Ophthalmia Neonatorum      | 1    | —    | 2    | —    | 2    | 1.0                    | 2    |
| Encephalitis Lethargica    | 2    | 1    | 1    | —    | 1    | 1.0                    | —    |
| Erysipelas ... ..          | 4    | 8    | 6    | 3    | 5    | 5.2                    | 5    |
| Chicken Pox ... ..         | 16   | 15   | 9    | 2    | 3    | 9.0                    | —    |
| TOTALS ... ..              | 94   | 84   | 56   | 90   | 82   | 81.2                   | 69   |

The following gives particulars of the cases in the various townships, the cases removed to hospital, also particulars relating to disinfection:—

## NUMBER OF CASES NOTIFIED.

| Township      | Scarlet<br>Fever | Diph-<br>theria | Enteric<br>Fever | Puer-<br>peral<br>Pyrexia | Oph-<br>thalmia<br>Neon-<br>atorum | Erysip-<br>elas | Totals |
|---------------|------------------|-----------------|------------------|---------------------------|------------------------------------|-----------------|--------|
| Barton Moss   | —                | —               | —                | —                         | —                                  | —               | Nil    |
| Clifton ..... | 3                | —               | —                | —                         | 1                                  | 3               | 7      |
| Davyhulme     | 13               | 12              | 1                | 1                         | 1                                  | —               | 28     |
| Flixton ..... | 28               | 3               | —                | 1                         | —                                  | 2               | 34     |
| TOTALS ...    | 44               | 15              | 1                | 2                         | 2                                  | 5               | 69     |

## NUMBER OF CASES REMOVED TO HOSPITAL.

|               |    |    |   |   |   |   |     |
|---------------|----|----|---|---|---|---|-----|
| Barton Moss   | —  | —  | — | — | — | — | Nil |
| Clifton ..... | 1  | —  | — | — | 1 | — | 2   |
| Davyhulme     | 7  | 11 | 1 | 1 | 1 | — | 21  |
| Flixton ..... | 16 | 3  | — | 1 | — | 1 | 21  |
| TOTALS ...    | 24 | 14 | 1 | 2 | 2 | 1 | 44  |

## NUMBER OF DISINFECTIONS.

| Township           | Houses | Bedding | Totals |
|--------------------|--------|---------|--------|
| Barton Moss ... .. | —      | —       | Nil    |
| Clifton ... ..     | 12     | 6       | 18     |
| Davyhulme ... ..   | 23     | 23      | 46     |
| Flixton ... ..     | 41     | 37      | 78     |
| TOTALS ... ..      | 76     | 66      | 142    |

The free distribution of disinfectants from convenient centres in each township still continues.

## PETROLEUM ACTS.

Below is given the number of licences granted under the above Acts.

|                                  |    |
|----------------------------------|----|
| Petroleum or other Spirit ... .. | 43 |
| Carbide of Calcium ... ..        | 6  |
| Total ... ..                     | 49 |

The above licences allow for the storage of 295,164 gallons of petrol or other spirit, and 775½ tons of carbide.

Frequent visits were paid to these premises. No infringements of the regulations were found.

### PUBLIC LIGHTING.

Improvements and additions have been made as required in connection with the public lamps during the year throughout the district.

The number of lamps in each township at the end of the year is given in the following table :—

| Township               | Number<br>of<br>Lamps | Gas or Current Supplied by                |
|------------------------|-----------------------|-------------------------------------------|
| Barton Moss... ..      | 17                    | Salford Corporation Gas Department.       |
| Clifton (Gas) ... ..   | 35                    | Salford Corporation Gas Department.       |
| „ (Electric)... ..     | 65                    | Lancashire Electric Power Co.             |
| Davyhulme (Gas) ... .. | 333                   | Stretford and District Gas Board.         |
| „ (Electric) ... ..    | 29                    | Stretford and District Electricity Board. |
| Flixton (Gas) ... ..   | 334                   | Stretford and District Gas Board.         |
| „ (Electric) ... ..    | 79                    | Stretford and District Electricity Board. |
| TOTAL ... ..           | 892                   |                                           |

I am, Gentlemen,

Your obedient servant,

ROBERT G. CHILD, M.S.I.A.,

Sanitary Inspector,

Lighting Superintendent, and  
Petroleum Inspector.





